

King County DNRP Water Quality Index

STATION **B499** WATER YEAR **2018**

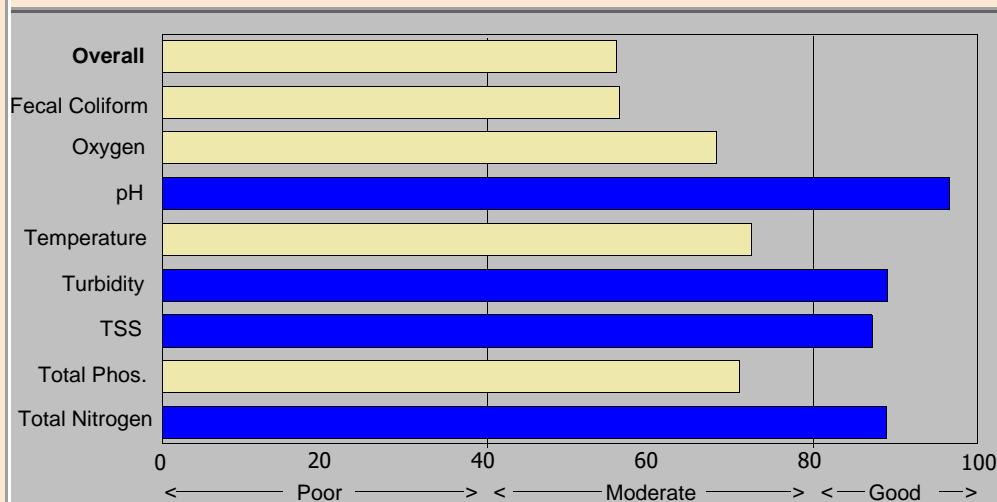
GAUGE # 16E Yarrow Creek (new location)

Overall Index 56

King County monitors water quality at two stations in the Yarrow Creek basin. Station B499, on the main stem of Yarrow Creek, was added in 2017. B499 is located at the bridge on 101st Way Northeast. The Yarrow Creek basin encompasses 640 acres. The creek originates in the Bridle Trails State Park and flows 2.95 miles before draining into Lake Washington at the northeastern shoreline. Land use in the basin includes Bridle Trail State Park, a business complex, condominiums, single family residences, and a portion of State Route 520. The creek is on the Washington Department of Ecology's 303(d) list, Category 5, for violation of dissolved oxygen and fecal coliform bacteria standards.

Annual Water Quality Index Scores

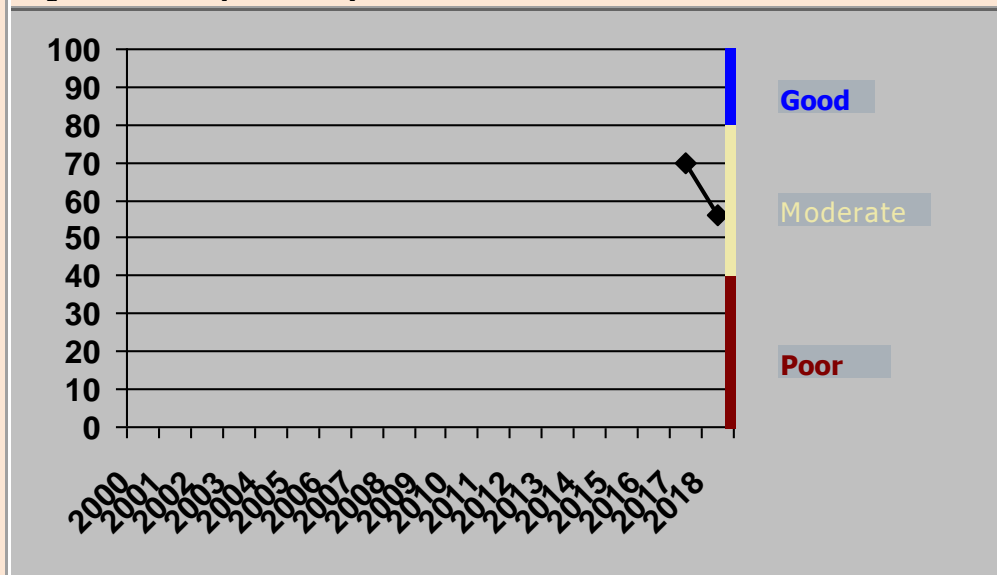
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
93	87	91	73	92	90	63	58	84	46	69	67

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>